

### AMENDMENTS TO THE CLAIMS

Please find below a listing of claims that will replace all prior versions, and listings, of claims in the application:

1. – 13. (cancelled)
14. (currently amended) A package ~~as defined in claim 13, including~~ for holding a temperature sensitive optical device, said package comprising:
- a) a substrate receiving the optical device, said substrate having a window to allow the optical device to be exposed to optical energy electromagnetic radiation to change optical properties of the optical device;
  - b) a thermally compensating component mounted to the optical device and to said substrate, said thermally compensating component imposing a strain variation to the optical device in dependence of temperature; and
  - c) a shield to reduce exposure of said thermally compensating component to optical energy electromagnetic radiation directed at [[said]] the optical device for causing a change of the optical properties of the optical device.
15. (currently amended) A package as defined in claim 14, wherein said shield reduces exposure of said thermally compensating component to optical energy electromagnetic radiation scattered by ~~said optical component~~ the optical device when ~~said optical component~~ the optical device is exposed to optical energy electromagnetic radiation for causing a change of the optical properties of the optical device.
16. (original) A package as defined in claim 15, wherein said shield is mounted between said optical device and said thermally compensating component.
17. (original) A package as defined in claim 16, wherein said shield is removable from said package.

18. (original) A package as defined in claim 17, wherein said shield is removable through said window.
19. (original) A method for manufacturing a packaged optical component, comprising:
  - a) placing an optical component in a substrate;
  - b) making a connection between a thermally compensating link and said optical component;
  - c) stabilizing said connection;
  - d) exposing said optical component to optical energy electromagnetic radiation subsequent to said stabilizing to change an optical property of said optical component.
20. (original) A method as defined in claim 19, wherein said optical component includes an optical fiber.
21. (original) A method as defined in claim 20, wherein said exposing writes on said optical fiber a grating.
22. (original) A method as defined in claim 21, wherein said grating is a Bragg grating.
23. (original) A method as defined in claim 21, including affixing said thermally compensating link to said substrate.
24. (currently amended) A method as defined in claim 21, ~~wherein said stabilizing includes~~ including annealing of said grating.
25. (currently amended) A method as defined in claim 23, including depositing a protective coating ~~[[from]]~~ on said fiber after performing said exposing.

26. (original) A method as defined in claim 24, wherein said optical energy electromagnetic radiation is laser light.
27. (original) A method as defined in claim 19, wherein said thermally compensating link is a first thermally compensating link and said connection is a first connection, said method including making a second connection between a second thermally compensating link and said optical component and stabilizing said second connection.
28. (original) A package manufactured by the method defined in claim 19.
29. (currently amended) A method for manufacturing a packaged optical component, comprising:
- a) providing:
    - i) an optical component mounted on a substrate;
    - ii) a thermally compensating component ~~[[link]]~~ connected to said optical component;
  - b) exposing said optical component to optical energy electromagnetic radiation to change an optical property of said optical component;
  - c) shielding said thermally compensating component from optical electromagnetic radiation scattered by said optical component during said exposing.
30. (original) A method as defined in claim 29, wherein said shielding includes placing a shield between said optical component and said thermally compensating component.
31. (original) A method as defined in claim 30, including removing said shield subsequent to said exposing.
32. (currently amended) A method for manufacturing a packaged optical component, comprising:
- a) providing:

- i) an optical component mounted on a substrate;
    - ii) a thermally compensating component ~~[[link]]~~ connected to said optical component;
  - b) exposing said optical component to optical energy electromagnetic radiation to change an optical property of said optical component;
  - c) said thermally compensating component being located relative to said optical component such that optical electromagnetic radiation scattered by said optical component during said exposing is precluded from causing said thermally compensating component to induce a strain in said optical component.
33. (original) A method as defined in claim 32, wherein said exposing writes a Bragg grating.
34. (original) A package containing an optical component manufactured by the method of claim 33.